



PATENT ABSTRACTS OF JAPAN

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YAGI AKIKO**(54) CONTROL DEVICE FOR EQUIPMENT USED JOINTLY WITH POWER TOOL****(57) Abstract:**

PURPOSE: To provide a control device for equipment used jointly with a power tool, excellent in reliability and operability, enabling the power tool and the jointly used equipment to display the original capacity and preventing the jointly used equipment from acting when the power tool is not switched on even in the case of using the power tool on with a built-in electronic circuit.

CONSTITUTION: A control device for equipment used jointly with a power tool consists of a transmit side attachment plug 1 obtaining electric power from an AC power supply; a transmit side plug socket box 18 having a transmit side plug socket 2 direct-coupled to the transmit side attachment plug 1, a current detecting means 4 for detecting a current flowing to the transmit side plug socket 2, and an optical signal transmitting means 6; a receive side attachment plug 9 obtaining electric power from an AC power supply; and a receive side plug socket box having a receive side plug socket 10 connected to the receive side attachment plug 9 through a switching means 11 for controlling power

supply, and an optical signal receiving means 15.

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